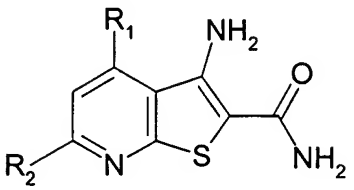
Amendments to the Claims:

Listing of Claims as amended:

1-23. Canceled.

24. (New) A compound according to general formula (I):



(I)

wherein:

R_1 is

(a) phenyl or heteroaryl selected from furanyl, thienyl, pyridyl, pyrrolyl, imidazolyl and benzofuranyl, optionally substituted with one to two R_3,

(b) heterocyclyl selected from 1-piperidinyl, 1-piperazinyl, 1-pyrrolidinyl and 4-morpholinyl, optionally substituted with one to two groups selected from C_{1-6}alkyl, -CO_2C_{1-5}alkyl, phenyl, benzyl, -OH and -C(O)heteroaryl, wherein the heteroaryl is selected from furanyl, thienyl, pyridyl and pyrrolyl,

(c) $R_6(CH_2)_mO$-,

(d) R_6OCH_2-,

(e) $R_6(CH_2)_mNH$-,

(f) $R_6(CH_2)_p(CH{=}CH)_m$- or pyridyl(CH_2)p(CH=CH)m-

(g) C_{1-6}alkyl, optionally partially or fully halogenated and optionally substituted with one to two R_9,

(h) C_{3-6} cycloalkyl

(i) C_{1-8}alkoxy, optionally partially or fully halogenated and optionally substituted with one to two R_9,

(j) C_{1-8}alkyl$S(O)_n$-, optionally partially or fully halogenated and optionally substituted with one to two R_9,

(k) $-N(R_4)(R_5)$, or

(l) $-C(O)NHR'$, wherein R' is R_6, pyridyl;

R_2 is

(a) heterocyclyl$(CH_2)_m$- wherein said heterocycle is selected from piperidinyl, piperazinyl, morpholinyl, azepanyl, pyrrolidinyl, 1,4-diazacycloheptanyl, azepanyl, 2,5-diazabicyclo[2.2.1]heptanyl, oxazepanyl and thiomorpholino and is optionally substituted with one to three R_7,

(b) heterocyclylCH_2O- wherein the heterocyclyl is selected from 1-piperidinyl, 1-piperazinyl, 4-morpholinyl and 1-pyrrolidinyl, optionally substituted with C_{1-6}alkyl;

R_3 is chosen from C_{1-6}alkyl, C_{1-6}alkoxy, hydroxyC_{1-6}alkyl, halogen, -CN, $-CO_2H$, $-CO_2C_{1-6}$alkyl, $-S(O)_nC_{1-6}$alkyl, $-NO_2$, -OH, $-CF_3$, $-N(R_4)(R_5)$, $-NHC(O)NHC_{1-6}$alkyl, $-C(O)N(R_4)(R_5)$ and phenyl optionally substituted with halogen, C_{1-6}alkyl, -CN or C_{1-6}alkoxy;

R_4 and **R_5** are independently selected from H, C_{1-6}alkyl, $-C_{0-3}$alkylC_{3-6}cycloalkyl, $-C_{0-3}$alkylheteroaryl selected from the list consisting of benzothiophenyl, furanyl, tetrazolyl, pyridyl , $-C_{0-3}$alkylheterocyclyl selected from the list consisting of piperdinyl and morpholinyl, $-C_{0-3}$alkylphenyl(R_6),-2-methylcyclohexyl, $-C(O)C_{1-6}$alkyl, $-SO_2C_{1-6}$alkyl, phenyl, pyridyl, piperidinyl, phenylethyl optionally substituted with hydroxymethyl, $(CH_3)_3COC(O)$-, $-CH_2CO_2Me$, $-C_{1-6}$alkylOH, $-C_{1-6}$alkylNMe_2, or alternatively R4 and R5 with the atom to which they are attached can be fused together to form a heterocyclic ring which may be substituted with an OH group;

R_6 is a phenyl group optionally substituted with one to three groups selected from halogen, C_{1-6}alkyl, -CN, $-CO_2C_{1-6}$alkyl, $-CO_2H$, $-C(O)NR_4R_5$, $-CH_2N(R_4)(R_5)$,$-SO_2N(R_4)(R_5)$,

$-NHSO_2C_{1-6}$alkyl, $-SO_2C_{1-6}$alkyl, $-NO_2$, -OH, $-NH_2$, $-CF_3$, OCF_2, OCF_3, OBenzyl, C_{1-6}alkoxy, a heteroaryl group selected from the list consisting of pyridyl, pyrazine, imidazolyl and

thiazolyl which may be further substituted by an R_4 group, phenyl, a heterocyclic group, or alternatively when R6 is phenyl two of its adjacent carbon atoms may be bridged by an $-OCH_2O-$ or an $-OCF_2O-$ group, or R_6 is C_{3-6}cycloalkyl, $-CH_2OH$, naphthalene-2-yl, naphthalene-1-yl or 2-thienyl;

R_7 is $R_6CH(OH)CH_2NH-$, C_{1-6}alkyl

R_9 is selected from oxo, -OH, $-NR_4R_5$, $-CO_2H$ and C_{1-6}alkoxy;

m is 0 or 1;

n is 0, 1 or 2; and

p is 0, 1, 2 or 3

or pharmaceutically acceptable salts pharmaceutically acceptable salts, isomers or tautomers thereof.

25. The compounds of general formula I of claim 24 wherein:

R_1 is

(a) phenyl or heteroaryl selected from furanyl, thienyl, pyridyl, pyrrolyl, imidazolyl and benzofuranyl, optionally substituted with one to two R_3,
(b) heterocyclyl selected from 1-piperidinyl, 1-piperazinyl, 1-pyrrolidinyl and 4-morpholinyl, optionally substituted with one to two groups selected from C_{1-6}alkyl, $-CO_2C_{1-5}$alkyl, phenyl, benzyl, -OH and -C(O)heteroaryl, wherein the heteroaryl is selected from furanyl, thienyl, pyridyl and pyrrolyl,
(c) $R_6(CH_2)_mO-$,
(d) R_6OCH_2-,
(e) $R_6(CH_2)_mNH-$,

(f) $R_6(CH_2)_p(CH=CH)_m$- or pyridyl(CH_2)p(CH=CH)m-

(g) C_{1-6}alkyl, optionally partially or fully halogenated and optionally substituted with one to two R_9,

(h) C_{3-6}cycloalkyl

(i) C_{1-8}alkoxy, optionally partially or fully halogenated and optionally substituted with one to two R_9,

(j) C_{1-8}alkyl$S(O)_n$-, optionally partially or fully halogenated and optionally substituted with one to two R_9,

(k) $-N(R_4)(R_5)$, or

(l) –C(O)NHR', wherein R' is R_6, pyridyl or $-CH_3$;

R_2 is piperdinyl$(CH_2)_m$- optionally substituted with one to three R_7,

R_3 is chosen from C_{1-6}alkyl, C_{1-6}alkoxy, hydroxyC_{1-6}alkyl, halogen, -CN, $-CO_2H$, $-CO_2C_{1-6}$alkyl, $-S(O)_nC_{1-6}$alkyl, $-NO_2$, -OH, $-CF_3$, $-N(R_4)(R_5)$, $-NHC(O)NHC_{1-6}$alkyl, $-C(O)N(R_4)(R_5)$ and phenyl optionally substituted with halogen, C_{1-6}alkyl, -CN or C_{1-6}alkoxy;

R_4 and **R_5** are independently selected from, $-C_{0-3}$alkylheteroaryl, $-C_{0-3}$alkylheterocyclyl, $-C_{0-3}$alkylphenyl(R_6),-2-methylcyclohexyl, $-C(O)C_{1-6}$alkyl, $-SO_2C_{1-6}$alkyl, phenyl, pyridyl, piperidinyl, phenylethyl optionally substituted with hydroxymethyl, $(CH_3)_3COC(O)$-, $-CH_2CO_2Me$, $-C_{1-6}$alkylOH, $-C_{1-6}$alkylNMe_2, or alternatively R4 and R5 with the atom to which they are attached can be fused together to form a heterocyclic ring which may be substituted with an OH group, provided that R_4 or R_5 are not methyl or benzyl and R_4 and R_5 are not both H;

R_6 is a phenyl group substituted with one to three groups selected from C_{1-6} alkyl -CN, $-CO_2H$, $-CH_2N(R_4)(R_5)$,$-SO_2N(R_4)(R_5)$, $-C(O)NR_4R_5$, $NHSO_2C_{1-6}$alkyl, $-SO_2C_{1-6}$alkyl,,$-CF_3$, OCF_2, OCF_3, OBenzyl, C_{2-6}alkoxy, a heteroaryl group selected from the list consisting of pyridyl, pyrazinyl, imidazolyl and thiazolyl which may be further substituted by an R_4 group, phenyl, a heterocyclic group, or alternatively when R6 is phenyl two of its adjacent carbon atoms may be bridged by an $-OCH_2O$- or an $-OCF_2O$- group;

$\mathbf{R_7}$ is $R_6CH(OH)CH_2NH$-, $C_{1\text{-}6}$alkyl

$\mathbf{R_9}$ is selected from oxo, -OH, $-NR_4R_5$, $-CO_2H$ and $C_{1\text{-}6}$alkoxy;

m is 0 or 1;

n is 0, 1 or 2; and

p is 0, 1, 2 or 3.

26. The compounds of general formula I of claim 24 wherein:

$\mathbf{R_1}$ is $C_{1\text{-}6}$alkyl, optionally partially or fully halogenated and optionally substituted with one to two R_9;

$\mathbf{R_2}$ is piperdinyl$(CH_2)_m$- optionally substituted with one to three R_7;

$\mathbf{R_3}$ is chosen from $C_{1\text{-}6}$alkyl, $C_{1\text{-}6}$alkoxy, hydroxy$C_{1\text{-}6}$alkyl, halogen, -CN, $-CO_2H$, $-CO_2C_{1\text{-}6}$alkyl, $-S(O)_nC_{1\text{-}6}$alkyl, $-NO_2$, -OH, $-CF_3$, $-N(R_4)(R_5)$, $-NHC(O)NHC_{1\text{-}6}$alkyl, $-C(O)N(R_4)(R_5)$ and phenyl optionally substituted with halogen, $C_{1\text{-}6}$alkyl, -CN or $C_{1\text{-}6}$alkoxy;

$\mathbf{R_4}$ and $\mathbf{R_5}$ are independently selected from, $-C_{0\text{-}3}$alkylheteroaryl, $-C_{0\text{-}3}$alkylheterocyclyl, $-C_{0\text{-}3}$alkylphenyl(R_6),-2-methylcyclohexyl, $-C(O)C_{1\text{-}6}$alkyl, $-SO_2C_{1\text{-}6}$alkyl, phenyl, pyridyl, piperidinyl, phenylethyl optionally substituted with hydroxymethyl, $(CH_3)_3COC(O)$-, $-CH_2CO_2Me$, $-C_{1\text{-}6}$alkylOH, $-C_{1\text{-}6}$alkylNMe_2, or alternatively R4 and R5 with the atom to which they are attached can be fused together to form a heterocyclic ring which may be substituted with an OH group, provided that R_4 or R_5 are not methyl or benzyl and R_4 and R_5 are not both H;

$\mathbf{R_6}$ is a phenyl group substituted with one to three groups selected from $C_{1\text{-}6}$ alkyl -CN, $-CO_2H$, $-CH_2N(R_4)(R_5)$,$-SO_2N(R_4)(R_5)$, $-C(O)NR_4R_5$, $NHSO_2C_{1\text{-}6}$alkyl, $-SO_2C_{1\text{-}6}$alkyl,,$-CF_3$, OCF_2, OCF_3, OBenzyl, $C_{2\text{-}6}$alkoxy, a heteroaryl group selected from the list consisiting of

pyridyl, pyrazinyl, imidazolyl and thiazolyl which may be further substituted by an R_4 group, phenyl, a heterocyclic group, or alternatively when R6 is phenyl two of its adjacent carbon atoms may be bridged by an $-OCH_2O-$ or an $-OCF_2O-$ group;

R_7 is $R_6CH(OH)CH_2NH-$, C_{1-6}alkyl

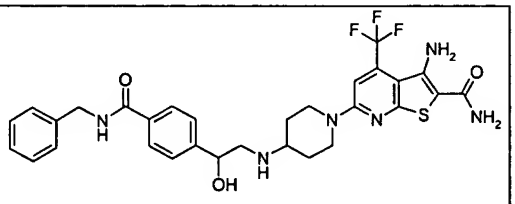
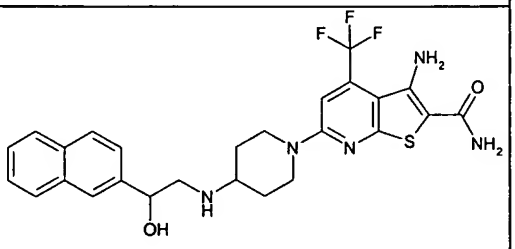
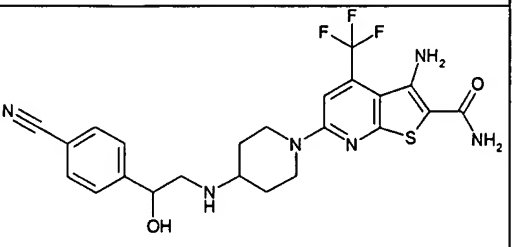
R_9 is selected from oxo, -OH, $-NR_4R_5$, $-CO_2H$ and C_{1-6}alkoxy;

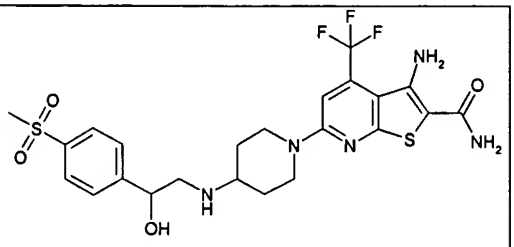
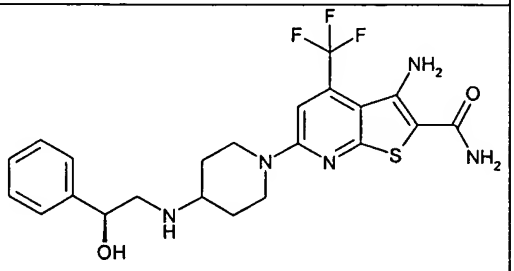
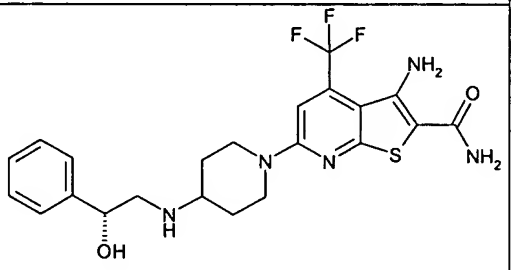
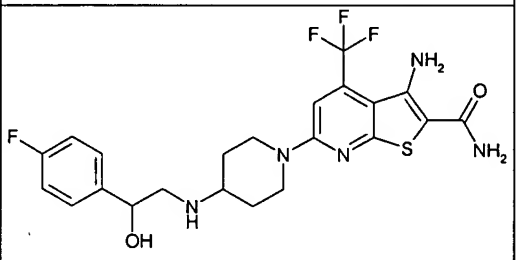
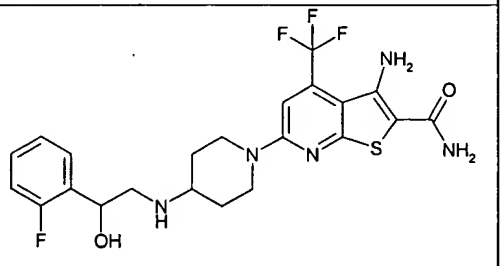
m is 0 or 1;

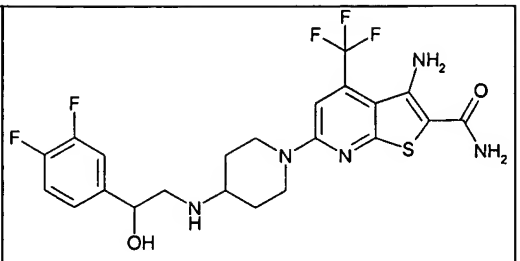
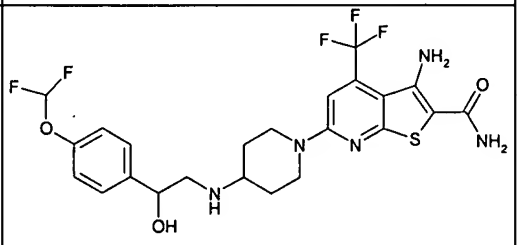
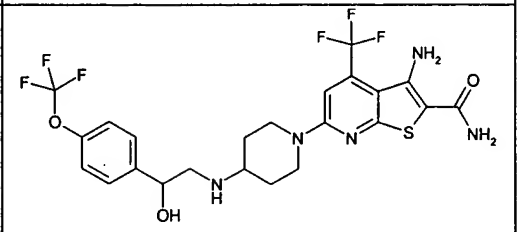
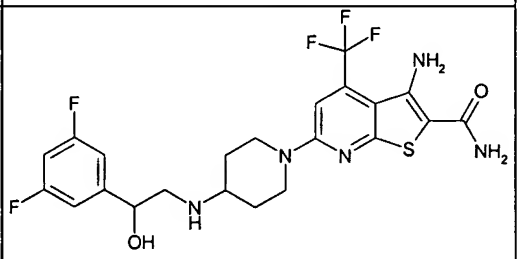
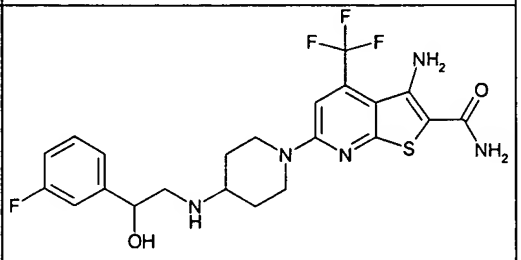
n is 0, 1 or 2; and

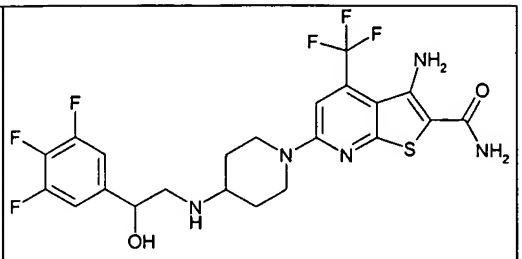
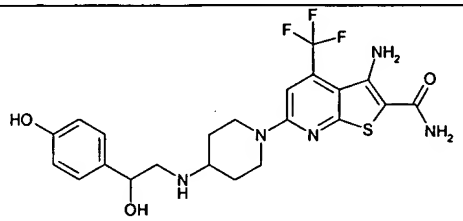
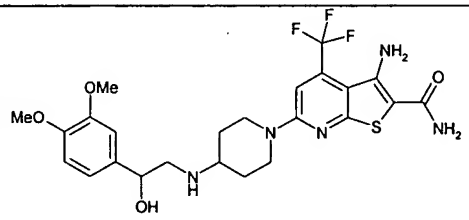
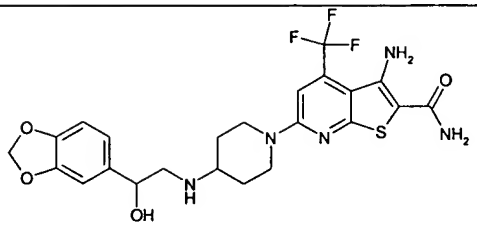
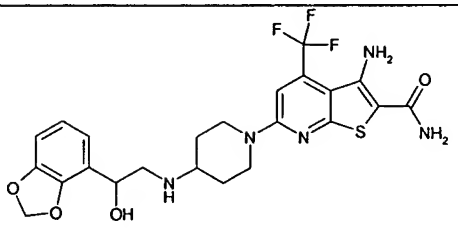
p is 0, 1, 2 or 3.

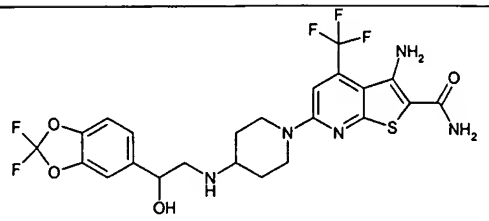
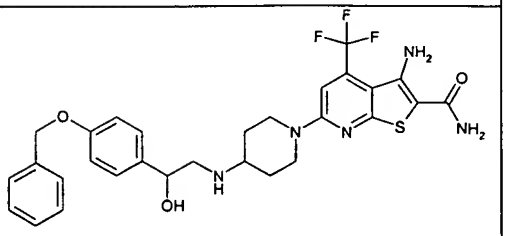
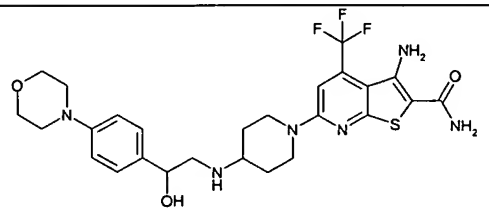
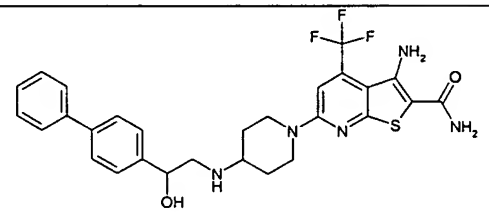
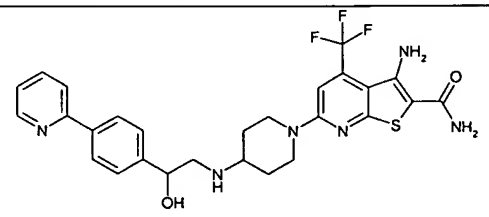
27. A compound selected from the list consisting of:

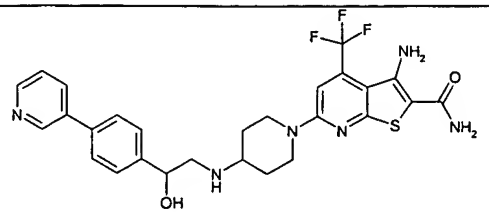
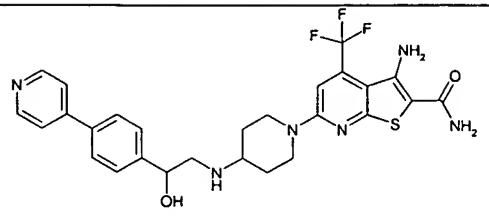
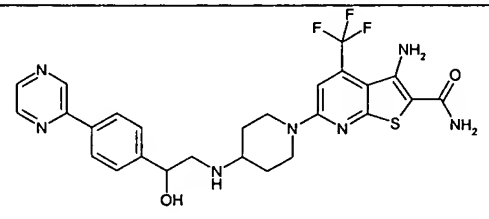
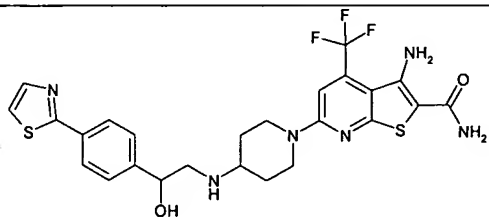
	3-Amino-6-{4-[2-(4-benzylcarbamoyl-phenyl)-2-hydroxy-ethylamino]-piperidin-1-yl}-4-trifluoromethyl-thieno[2,3-*b*]pyridine-2-carboxylic acid amide	
	3-Amino-6-[4-(2-hydroxy-2-naphthalen-2-yl-ethylamino)-piperidin-1-yl]-4-trifluoromethyl-thieno[2,3-*b*]pyridine-2-carboxylic acid amide	
	3-Amino-6-{4-[2-(4-cyano-phenyl)-2-hydroxy-ethylamino]-piperidin-1-yl}-4-trifluoromethyl-thieno[2,3-*b*]pyridine-2-carboxylic acid amide	

	3-Amino-6-{4-[2-hydroxy-2-(4-methanesulfonyl-phenyl)-ethylamino]-piperidin-1-yl}-4-trifluoromethyl-thieno[2,3-*b*]pyridine-2-carboxylic acid amide	
	3-Amino-6-[4-((S)-2-hydroxy-2-phenyl-ethylamino)-piperidin-1-yl]-4-trifluoromethyl-thieno[2,3-*b*]pyridine-2-carboxylic acid amide	
	3-Amino-6-[4-((R)-2-hydroxy-2-phenyl-ethylamino)-piperidin-1-yl]-4-trifluoromethyl-thieno[2,3-*b*]pyridine-2-carboxylic acid amide	
	3-Amino-6-{4-[2-(4-fluoro-phenyl)-2-hydroxy-ethylamino]-piperidin-1-yl}-4-trifluoromethyl-thieno[2,3-*b*]pyridine-2-carboxylic acid amide	
	3-Amino-6-{4-[2-(2-fluoro-phenyl)-2-hydroxy-ethylamino]-piperidin-1-yl}-4-trifluoromethyl-thieno[2,3-*b*]pyridine-2-carboxylic acid amide	

	3-Amino-6-{4-[2-(3,4-difluoro-phenyl)-2-hydroxy-ethylamino]-piperidin-1-yl}-4-trifluoromethyl-thieno[2,3-*b*]pyridine-2-carboxylic acid amide	
	3-Amino-6-{4-[2-(4-difluoromethoxy-phenyl)-2-hydroxy-ethylamino]-piperidin-1-yl}-4-trifluoromethyl-thieno[2,3-*b*]pyridine-2-carboxylic acid amide	
	3-Amino-6-{4-[2-hydroxy-2-(4-trifluoromethoxy-phenyl)-ethylamino]-piperidin-1-yl}-4-trifluoromethyl-thieno[2,3-*b*]pyridine-2-carboxylic acid amide	
	3-Amino-6-{4-[2-(3,5-difluoro-phenyl)-2-hydroxy-ethylamino]-piperidin-1-yl}-4-trifluoromethyl-thieno[2,3-*b*]pyridine-2-carboxylic acid amide	
	3-Amino-6-{4-[2-(3-fluoro-phenyl)-2-hydroxy-ethylamino]-piperidin-1-yl}-4-trifluoromethyl-thieno[2,3-*b*]pyridine-2-carboxylic acid amide	

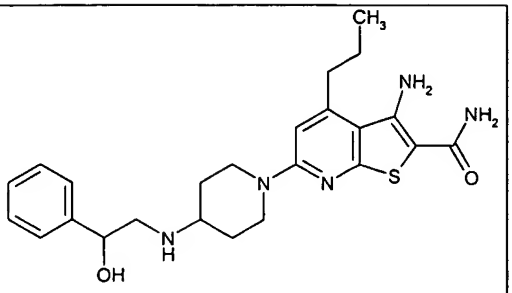
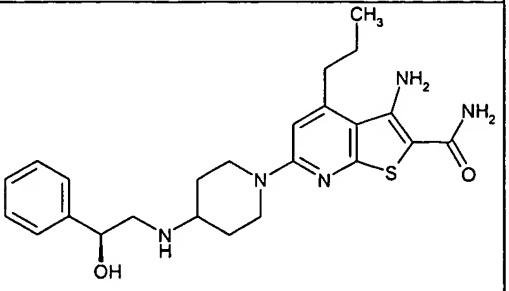
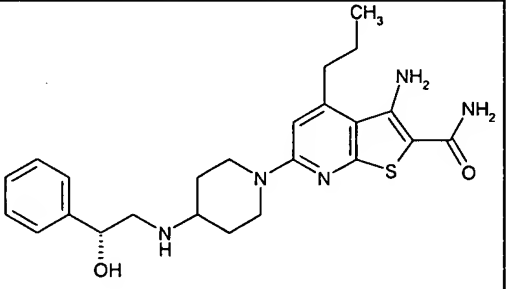
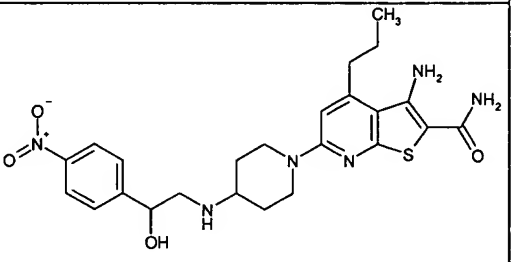
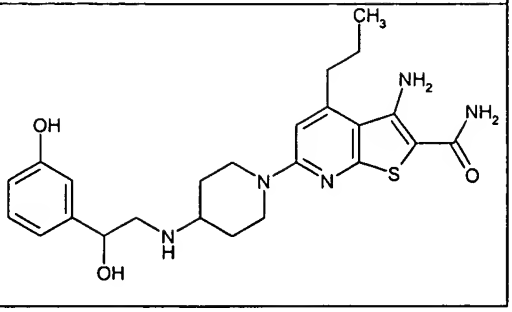
	3-Amino-6-{4-[2-hydroxy-2-(3,4,5-trifluoro-phenyl)-ethylamino]-piperidin-1-yl}-4-trifluoromethyl-thieno[2,3-*b*]pyridine-2-carboxylic acid amide	
	3-Amino-6-{4-[2-hydroxy-2-(4-hydroxy-phenyl)-ethylamino]-piperidin-1-yl}-4-trifluoromethyl-thieno[2,3-*b*]pyridine-2-carboxylic acid amide	
	3-Amino-6-{4-[2-(3,4-dimethoxy-phenyl)-2-hydroxy-ethylamino]-piperidin-1-yl}-4-trifluoromethyl-thieno[2,3-*b*]pyridine-2-carboxylic acid amide	
	3-Amino-6-[4-(2-benzo[1,3]dioxol-5-yl-2-hydroxy-ethylamino)-piperidin-1-yl]-4-trifluoromethyl-thieno[2,3-*b*]pyridine-2-carboxylic acid amide	
	3-Amino-6-[4-(2-benzo[1,3]dioxol-4-yl-2-hydroxy-ethylamino)-piperidin-1-yl]-4-trifluoromethyl-thieno[2,3-*b*]pyridine-2-carboxylic acid amide	

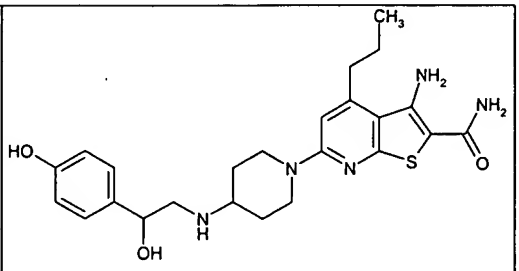
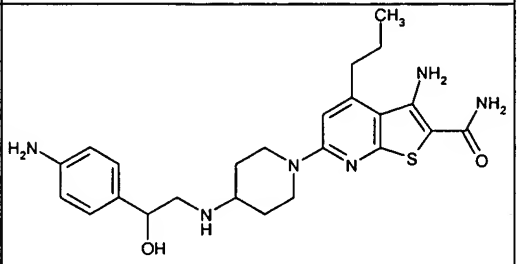
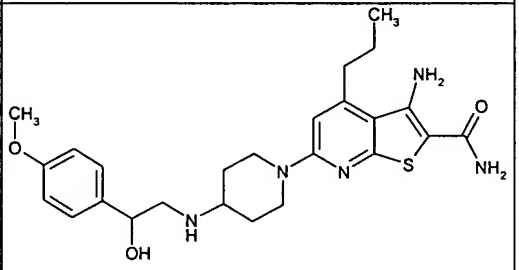
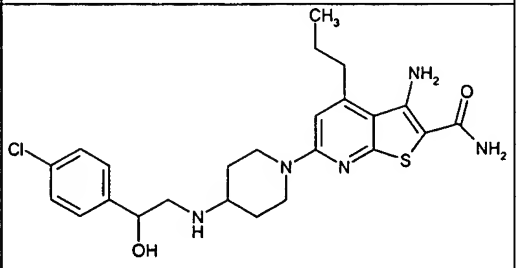
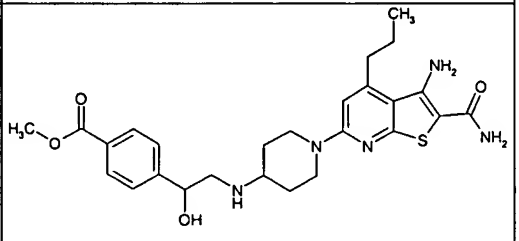
	3-Amino-6-{4-[2-(2,2-difluoro-benzo[1,3]dioxol-5-yl)-2-hydroxy-ethylamino]-piperidin-1-yl}-4-trifluoromethyl-thieno[2,3-*b*]pyridine-2-carboxylic acid amide	
	3-Amino-6-{4-[2-(4-benzyloxy-phenyl)-2-hydroxy-ethylamino]-piperidin-1-yl}-4-trifluoromethyl-thieno[2,3-*b*]pyridine-2-carboxylic acid amide	
	3-Amino-6-{4-[2-hydroxy-2-(4-morpholin-4-yl-phenyl)-ethylamino]-piperidin-1-yl}-4-trifluoromethyl-thieno[2,3-*b*]pyridine-2-carboxylic acid amide	
	3-Amino-6-[4-(2-biphenyl-4-yl-2-hydroxy-ethylamino)-piperidin-1-yl]-4-trifluoromethyl-thieno[2,3-*b*]pyridine-2-carboxylic acid amide	
	3-Amino-6-{4-[2-hydroxy-2-(4-pyridin-2-yl-phenyl)-ethylamino]-piperidin-1-yl}-4-trifluoromethyl-thieno[2,3-*b*]pyridine-2-carboxylic acid amide	

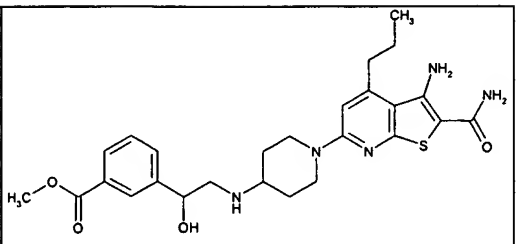
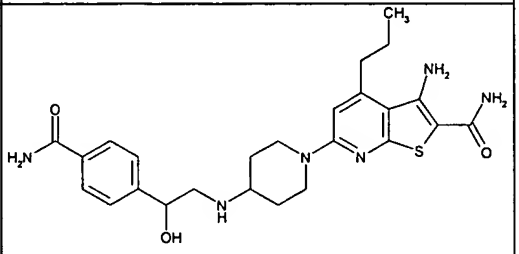
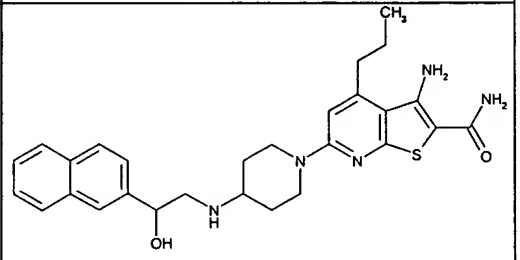
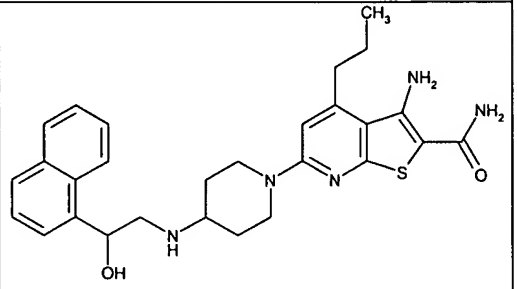
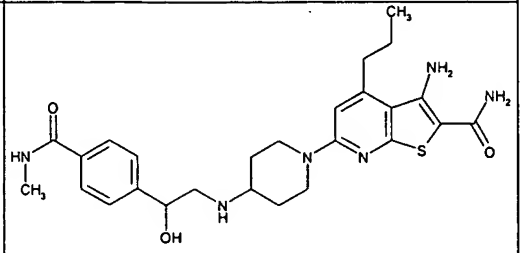
	3-Amino-6-{4-[2-hydroxy-2-(4-pyridin-3-yl-phenyl)-ethylamino]-piperidin-1-yl}-4-trifluoromethyl-thieno[2,3-*b*]pyridine-2-carboxylic acid amide	
	3-Amino-6-{4-[2-hydroxy-2-(4-pyridin-4-yl-phenyl)-ethylamino]-piperidin-1-yl}-4-trifluoromethyl-thieno[2,3-*b*]pyridine-2-carboxylic acid amide	
	3-Amino-6-{4-[2-hydroxy-2-(4-pyrazin-2-yl-phenyl)-ethylamino]-piperidin-1-yl}-4-trifluoromethyl-thieno[2,3-*b*]pyridine-2-carboxylic acid amide	
	3-Amino-6-{4-[2-hydroxy-2-(4-thiazol-2-yl-phenyl)-ethylamino]-piperidin-1-yl}-4-trifluoromethyl-thieno[2,3-*b*]pyridine-2-carboxylic acid amide	

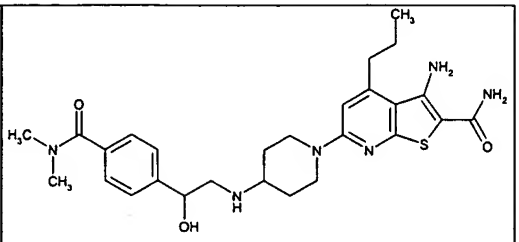
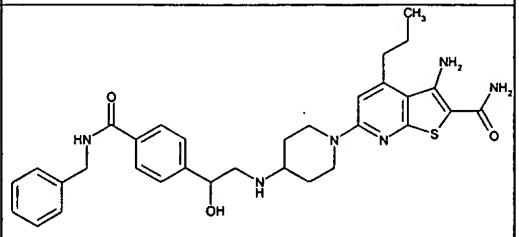
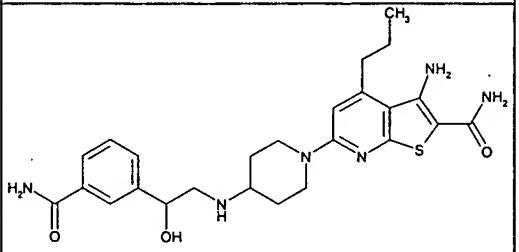
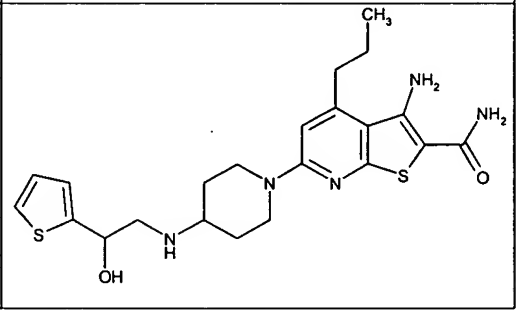
or pharmaceutically acceptable salts, tautomers and isomers thereof.

28. A compound selected from the list consisting of:

	3-Amino-6-[4-(2-hydroxy-2-phenyl-ethylamino)-piperidin-1-yl]-4-propyl-thieno[2,3-b]pyridine-2-carboxylic acid amide	
	3-Amino-6-[4-((S)-2-hydroxy-2-phenyl-ethylamino)-piperidin-1-yl]-4-propyl-thieno[2,3-b]pyridine-2-carboxylic acid amide	
	3-Amino-6-[4-((R)-2-hydroxy-2-phenyl-ethylamino)-piperidin-1-yl]-4-propyl-thieno[2,3-b]pyridine-2-carboxylic acid amide	
	3-Amino-6-{4-[2-hydroxy-2-(4-nitro-phenyl)-ethylamino]-piperidin-1-yl}-4-propyl-thieno[2,3-b]pyridine-2-carboxylic acid amide	
	3-Amino-6-{4-[2-hydroxy-2-(3-hydroxy-phenyl)-ethylamino]-piperidin-1-yl}-4-propyl-thieno[2,3-b]pyridine-2-carboxylic acid amide	

	3-Amino-6-{4-[2-hydroxy-2-(4-hydroxy-phenyl)-ethylamino]-piperidin-1-yl}-4-propyl-thieno[2,3-b]pyridine-2-carboxylic acid amide	
	3-Amino-6-{4-[2-(4-amino-phenyl)-2-hydroxy-ethylamino]-piperidin-1-yl}-4-propyl-thieno[2,3-b]pyridine-2-carboxylic acid amide	
	3-Amino-6-{4-[2-hydroxy-2-(4-methoxy-phenyl)-ethylamino]-piperidin-1-yl}-4-propyl-thieno[2,3-b]pyridine-2-carboxylic acid amide	
	3-Amino-6-{4-[2-(4-chloro-phenyl)-2-hydroxy-ethylamino]-piperidin-1-yl}-4-propyl-thieno[2,3-b]pyridine-2-carboxylic acid amide	
	4-{2-[1-(3-Amino-2-carbamoyl-4-propyl-thieno[2,3-b]pyridin-6-yl)-piperidin-4-ylamino]-1-hydroxy-ethyl}-benzoic acid methyl ester	

	3-{2-[1-(3-Amino-2-carbamoyl-4-propyl-thieno[2,3-b]pyridin-6-yl)-piperidin-4-ylamino]-1-hydroxy-ethyl}-benzoic acid methyl ester	
	3-Amino-6-{4-[2-(4-carbamoyl-phenyl)-2-hydroxy-ethylamino]-piperidin-1-yl}-4-propyl-thieno[2,3-b]pyridine-2-carboxylic acid amide	
	3-Amino-6-[4-(2-hydroxy-2-naphthalen-2-yl-ethylamino)-piperidin-1-yl]-4-propyl-thieno[2,3-b]pyridine-2-carboxylic acid amide	
	3-Amino-6-[4-(2-hydroxy-2-naphthalen-1-yl-ethylamino)-piperidin-1-yl]-4-propyl-thieno[2,3-b]pyridine-2-carboxylic acid amide	
	3-Amino-6-{4-[2-hydroxy-2-(4-methylcarbamoyl-phenyl)-ethylamino]-piperidin-1-yl}-4-propyl-thieno[2,3-b]pyridine-2-carboxylic acid amide	

	3-Amino-6-{4-[2-(4-dimethylcarbamoyl-phenyl)-2-hydroxy-ethylamino]-piperidin-1-yl}-4-propyl-thieno[2,3-b]pyridine-2-carboxylic acid amide	
	3-Amino-6-{4-[2-(4-benzylcarbamoyl-phenyl)-2-hydroxy-ethylamino]-piperidin-1-yl}-4-propyl-thieno[2,3-b]pyridine-2-carboxylic acid amide	
	3-Amino-6-{4-[2-(3-carbamoyl-phenyl)-2-hydroxy-ethylamino]-piperidin-1-yl}-4-propyl-thieno[2,3-b]pyridine-2-carboxylic acid amide	
	3-Amino-6-[4-(2-hydroxy-2-thiophen-2-yl-ethylamino)-piperidin-1-yl]-4-propyl-thieno[2,3-b]pyridine-2-carboxylic acid amide	

or pharmaceutically acceptable salts, tautomers and isomers thereof.